

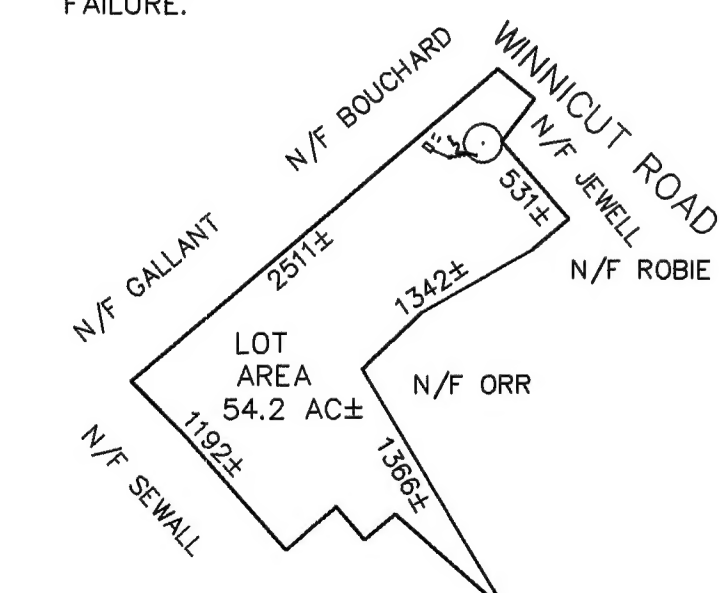
SOIL CLASS: 66 PAXTON
(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = BY OTHERS.
#1 FND CHISELED "X" IN BOULDER ELEV 100.21
#2 SET HUB ELEV 89.58
#3 SET NAIL CEDAR ELEV 97.15

DESIGN INTENT:
1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 94.0
2. THERE IS/ARE APPROX 1.5' FT ABOVE ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. =2.0' ABOVE GRADE AT EL 92.0 (50%+ BED AREA DOWNSLOPE)
SUITABLE REPLACEMENT AREA:
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

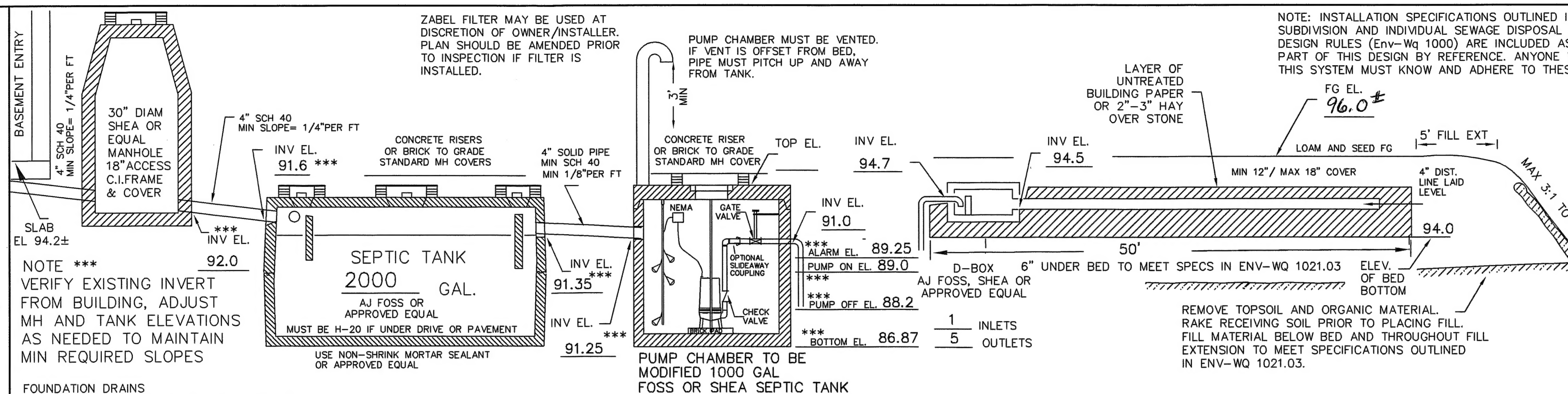
LEGEND:
50' EXISTING CONTOUR
(50) PROPOSED CONTOUR
50.0 EXISTING SPOT ELEVATION
(50.0) PROPOSED SPOT ELEVATION

NOTES:
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD PLAN D3159
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: N/A OVER 5 ACRES
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 100' OF
b) NO WELLS WITHIN 100' OF
c) NO HYDRIC B SOILS WITHIN 100' PROPOSED SYSTEM
d) NO HYDRIC A SOILS WITHIN 100' SYSTEM
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929-7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
6. THIS IS CONTINGENCY PLAN. DESIGNED SYSTEM TO BE INSTALLED AS NEEDED IN EVENT OF EXISTING SYSTEM FAILURE.



PLOT PLAN

1"=APPROX 1000'

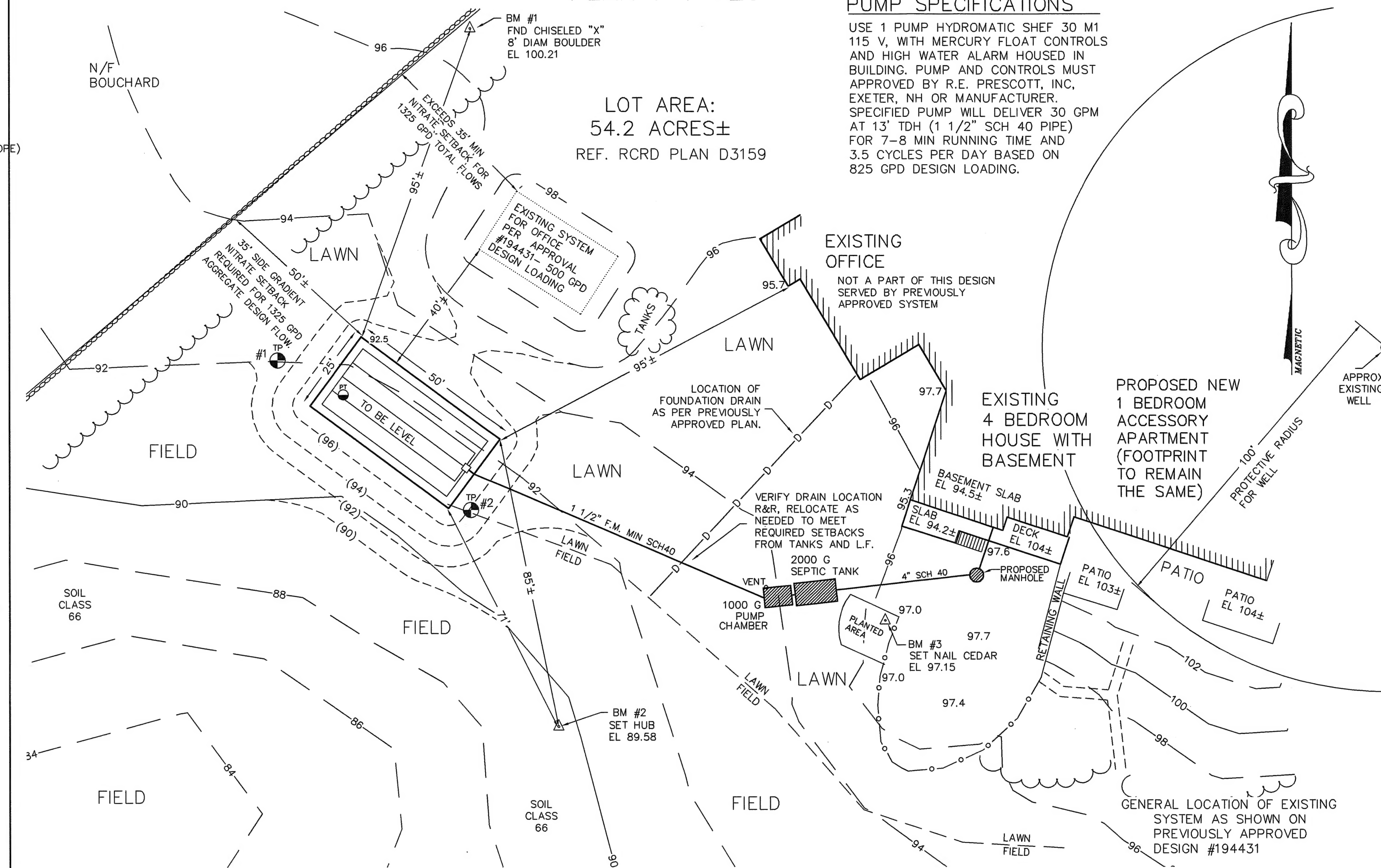


CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

PLAN : 1"=20'

LOT AREA:
54.2 ACRES±
REF. RCRD PLAN D3159

PUMP SPECIFICATIONS
USE 1 PUMP HYDROMATIC SHEF 30 M1 115 V, WITH MERCURY FLOAT CONTROLS AND HIGH WATER ALARM HOUSED IN BUILDING. PUMP AND CONTROLS MUST BE APPROVED BY R.E. PRESCOTT, INC. EXETER, NH OR MANUFACTURER. SPECIFIED PUMP WILL DELIVER 30 GPM AT 13' TDH (1 1/2" SCH 40 PIPE) FOR 7-8 MIN RUNNING TIME AND 3.5 CYCLES PER DAY BASED ON 825 GPD DESIGN LOADING.



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS
ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

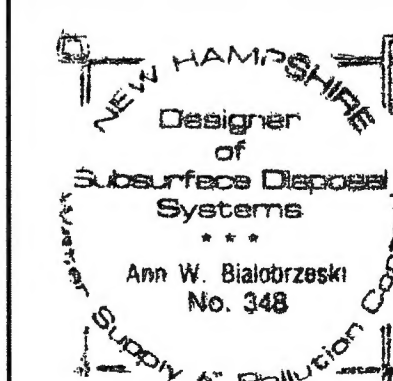
DATE: DECEMBER 2, 2008
TOWN INSPECTOR: RICHARD BOND RCD
TEST PIT #1 EL 92.0±
0 -6" 10YR3/3 FINE SANDY LOAM TOPSOIL TO BE REMOVED
6 -24" 10YR5/4 TO 5/6 FINE SANDY LOAM, GRANULAR FRIABLE
24-64" 10YR 4/4 TO 4/6 GRAVELLY FINE SANDY LOAM
FIRM IN PLACE, RESTRICTIVE, WITH VEINS OF HIGHLY WEATHERED ROCK
ESHW @ 24", ROOTS TO 28", NO OBSERVED WATER, NO REFUSAL
TEST PIT #2 EL 91.0±
0 -6" 10YR3/3 FINE SANDY LOAM TOPSOIL TO BE REMOVED
6 -24" 10YR5/4 TO 5/6 FINE SANDY LOAM, GRANULAR FRIABLE
24-64" 10YR 4/4 TO 4/6 GRAVELLY FINE SANDY LOAM
FIRM IN PLACE, RESTRICTIVE, WITH VEINS OF HIGHLY WEATHERED ROCK
ESHW @ 24", ROOTS TO 28", NO OBSERVED WATER, NO REFUSAL

PERC TEST DATA

PERC RATE: 4 MIN/IN FROM PREVIOUS APPROVAL
DESIGN LOADING: EXISTING 4 BEDROOM HOUSE = 600 GPD
PROPOSED 1 BEDROOM ACCESSORY APARTMENT = 225 GPD
600 + 225 = 825 GPD DESIGN LOADING
AREA REQUIRED: 825 GPD @ 140 SF/ 100 GPD = 1155 SF REQUIRED.
AREA PROPOSED: 25' X 50' = 1250 SF PROVIDED

PROPOSED REPLACEMENT
SEPTIC SYSTEM PLAN
FOR INSTALLATION IN EVENT OF EXIS SYSTEM FAILURE

LOCUS: 90 WINNICUT ROAD
STRATHAM, NH
OWNER: WILLIAM W. TREAT 1995 TRUST
90 WINNICUT ROAD
STRATHAM, NH 03885



APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
603 929-7404
DATE: DECEMBER 8, 2008
APPROVAL: CA2008095877

